<u>IN THE CLAIMS</u>:

Please amend Claims 118 to 121, 124, 130 to 133, 136 and 142 as shown below. The claims, as currently pending in the application, read as follows:

1. to 117.   (Cancelled)

118.   (Currently Amended)   A data processing apparatus comprising a library for storing a plurality of filters and a processor for processing a computer program stored on a computer-readable storage medium, wherein said processor executes, by processing the computer program, the following steps:

a selecting step for selecting and loading a plurality of desired filters from said library based on a <u>first</u> user instruction <u>in order to form an application</u>, wherein the plurality of <u>selected</u> desired filters are arranged in a sequence based on the <u>first</u> user instruction, ~~and are associated with a set of user interface control objects, each user interface control object characterizing a display of a corresponding filter~~; and wherein the plurality of <u>selected</u> desired filters are used for filtering a data object based on the sequence;

~~an accessing step for accessing a code, written in a markup language, based on a subset of the user interface control objects;~~

a modifying step for modifying <u>a user interface description object, written in a markup language,</u> ~~the code based on one of~~ <u>to add codes of user interface components corresponding to</u> the <u>selected</u> desired filters <u>arranged in the sequence</u>; and

a generating step for generating display data for displaying [[a]] <u>the</u> user interface <u>components</u> corresponding to the plurality of <u>selected</u> desired filters in a display

apparatus, by parsing the ~~code~~ <u>user interface description object modified in said modifying</u> <u>step</u>, wherein a user inputs data to the plurality of <u>selected</u> desired filters via the user interface <u>components</u>, and wherein ~~a part of the~~ <u>a</u> user interface <u>component</u> corresponding to a filter <u>further</u> selected <u>based on a second user instruction</u> from the plurality of desired filters <u>selected in said selecting step</u> may be selectively hidden.

119.   (Currently Amended)   The data processing apparatus according to claim 118, wherein, in said modifying step, said processor adds codes of the plurality of desired filters to the user interface ~~control objects~~ <u>components</u> in the arranged sequence.

120.   (Currently Amended)   The data processing apparatus according to claim 119, wherein, in said modifying step, said processor changes the codes of a previously added filter when said processor adds the codes of the plurality of desired filters to the user interface ~~control objects~~ <u>components</u>.

121.   (Currently Amended)   The data processing apparatus according to claim 118, wherein the user interface <u>components</u> corresponding to the plurality of desired filters [[is]] <u>are</u> displayed based on the arranged sequence when the display data is outputted to the display apparatus.

122.   (Cancelled)

123.   (Cancelled).

124.   (Currently Amended)   The data processing apparatus according to claim 118, wherein the plurality of desired filters includes a toolbar filter for displaying [[the]] a user interface component corresponding to another filter on a toolbar, and wherein, in said modifying step, said processor modifies the user interface ~~control objects~~ description object for displaying the user interface component corresponding to the other filter on the toolbar.

125.   (Previously Presented) The data processing apparatus according to claim 118, wherein the plurality of desired filters includes a filter for search data based on a search target inputted by a user.

126.   (Previously Presented) The data processing apparatus according to claim 118, wherein the plurality of desired filters includes a display filter for displaying input data on the data display area.

127.   (Previously Presented) The data processing apparatus according to claim 118, wherein the plurality of desired filters includes a printer filter for outputting appropriate data for a printer based on a functionality of the printer.

128.   (Previously Presented) The data processing apparatus according to claim 118, wherein the plurality of desired filters includes a help filter for providing help information.

129.   (Previously Presented) The data processing apparatus according to claim 118, wherein the markup language is XML.

130.   (Currently Amended)   A data processing method for controlling a data processing apparatus having a library for storing a plurality of filters, the method comprising:

a selecting step for selecting and loading a plurality of desired filters from said library based on a first user instruction in order to form an application, wherein the plurality of selected desired filters are arranged in a sequence based on the first user instruction, and are associated with a set of user interface control objects, each user interface control object characterizing a display of a corresponding filter, and wherein the plurality of selected desired filters are used for filtering a data object based on the sequence;

an accessing step for accessing a code, written in a markup language, based on a subset of the user interface control objects;

a modifying step for modifying a user interface description object, written in a markup language, the code based on one of to add codes of user interface components corresponding to the selected desired filters arranged in the sequence; and

a generating step for generating display data for displaying [[a]] the user interface components corresponding to the plurality of selected desired filters in a display apparatus, by parsing the code user interface description object modified in said modifying step, wherein a user inputs data to the plurality of selected desired filters via the user interface components, and wherein a part of the a user interface component corresponding

to a filter <u>further</u> selected <u>based on a second user instruction</u> from the plurality of desired filters <u>selected in said selecting step</u> may be selectively hidden.

131.   (Currently Amended)   The data processing method according to claim 130, wherein, in said modifying step, codes of the plurality of desired filters are added to the user interface ~~control objects~~ <u>components</u> in the arranged sequence.

132.   (Currently Amended) The data processing method according to claim 131, wherein, in said modifying step, the codes of a previously added filter are changed when the codes of the plurality of desired filters are added to the user interface ~~control objects~~ <u>components</u>.

133.   (Currently Amended)   The data processing method according to claim 130, wherein the user interface <u>components</u> corresponding to the plurality of desired filters [[is]] <u>are</u> displayed based on the arranged sequence when the display data is outputted to the display apparatus.

134.   (Cancelled).

135.   (Cancelled).

136.   (Currently Amended)   The data processing method according to claim 130, wherein the plurality of desired filters includes a toolbar filter for displaying [[the]] <u>a</u> user interface <u>component</u> corresponding to another filter on a toolbar, and

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wherein, in said modifying step, the user interface ~~control objects~~ description object [[are]] is modified for displaying the user interface component corresponding to the other filter on the toolbar.

137.   (Previously Presented) The data processing method according to claim 130, wherein the plurality of desired filters includes a filter for search data based on a search target inputted by a user.

138.   (Previously Presented) The data processing method according to claim 130, wherein the plurality of desired filters includes a display filter for displaying input data on the data display area.

139.   (Previously Presented) The data processing method according to claim 130, wherein the plurality of desired filters includes a printer filter for outputting appropriate data for a printer based on a functionality of the printer.

140.   (Previously Presented) The data processing method according to claim 130, wherein the plurality of desired filters includes a help filter for providing help information.

141.   (Previously Presented) The data processing method according to claim 130, wherein the markup language is XML.

142.   (Currently Amended)   A computer-readable storage medium storing processor-implementable instructions for controlling a processor to carry out:

a selecting step for selecting and loading a plurality of desired filters from a library based on a first user instruction in order to form an application, the library storing a plurality of filters, wherein the plurality of selected desired filters are arranged in a sequence based on the first user instruction, and are associated with a set of user interface control objects, each user interface control object characterizing a display of a corresponding filter, and wherein the plurality of selected desired filters are used for filtering a data object based on the sequence;

an accessing step for accessing a code, written in a markup language, based on a subset of the user interface control objects;

a modifying step for modifying a user interface description object, written in a markup language, the code based on one of to add codes of user interface components corresponding to the selected desired filters arranged in the sequence; and

a generating step for generating display data for displaying [[a]] the user interface components corresponding to the plurality of selected desired filters in a display apparatus, by parsing the code user interface description object modified in said modifying step, wherein a user inputs data to the plurality of selected desired filters via the user interface components, and wherein a part of the a user interface component corresponding to a filter further selected based on a second user instruction from the plurality of desired filters selected in said selecting step may be selectively hidden.